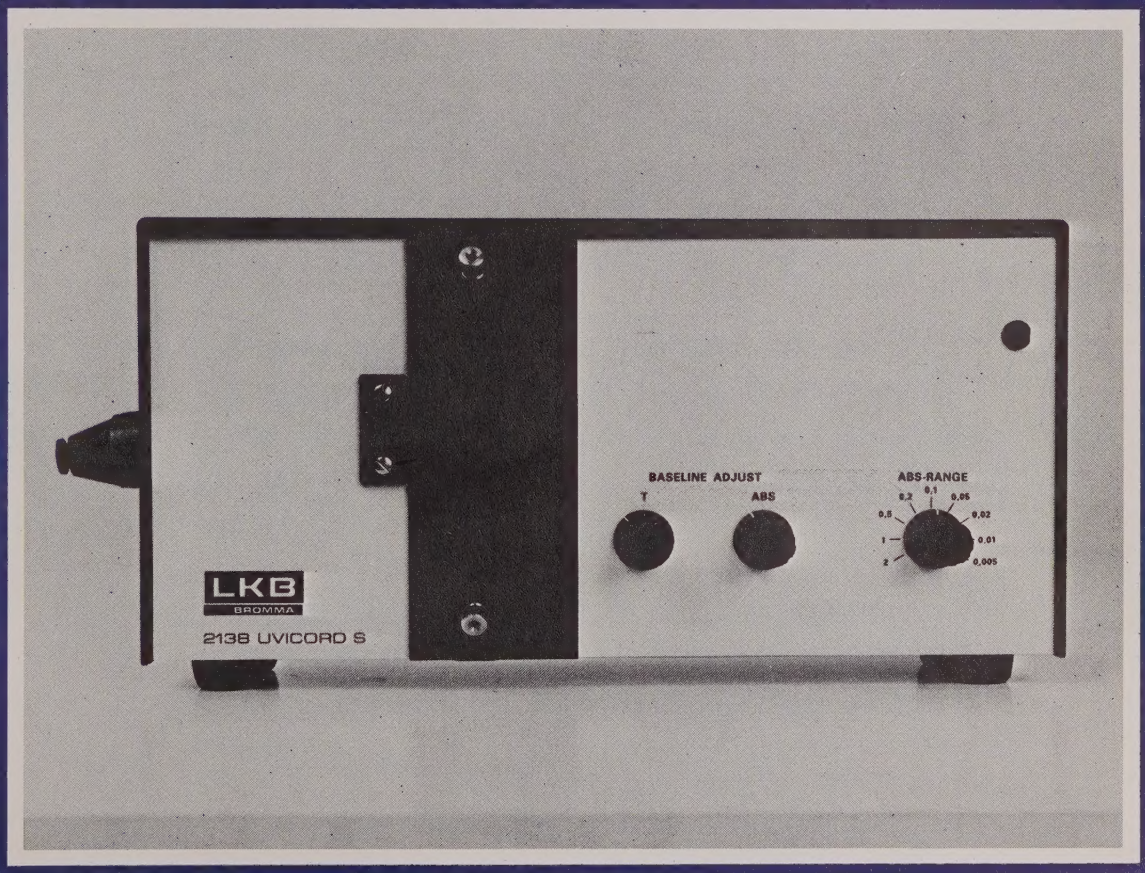
Spare Parts Catalogue

LKB 2138 Uvicord® S



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GENERAL

This Spare Parts Catalogue describes your new LKB instrument by means of drawings and photographs. It enables you to find the order number for the items that you may require.

Usually the LKB service stations can supply you with most of these spare parts. Certain parts may have to be ordered from LKB Bromma. Usually delivery times are very short.

LKB guarantees the function of your new instrument. The terms of the guarantee are given in the purchase contract. This guarantee is only valid if service is provided by LKB and if LKB parts are used.

Since product development and improvement is a continous process, LKB reserves the right to make changes in the specifcations without notice.

HOW TO USE THE CATALOGUE

1. USING THE INDEX, LOCATE THE FIGURE WHERE THE WANTED PART IS SHOWN.

2. LOCATE THE PART AND ITS ITEM NO.

3. TURN TO THE PARTS LIST AND NOTE THE PART NO AND DESCRIPTION WHICH CORRESPOND TO THE ITEM NO. ALWAYS STATE THE PART NO WHEN ORDERING SPARE PARTS.

4. THE FOLLOWING INFORMATION CAN BE FOUND UNDER "DIAGRAM NO":

   DESIGNATIONS OF ELECTRICAL COMPONENTS ON THE CIRCUIT DRAWINGS.

5. IF THERE IS SOMETHING IN THIS CATALOGUE THAT YOU THINK SHOULD BE CLARIFIED OR CORRECTED, WE WOULD BE VERY GRATEFUL FOR YOUR HELP. PLEASE USE THE LAST PAGE OF THE CATALOGUE AS NOTIFICATION AND FORWARD IT TO

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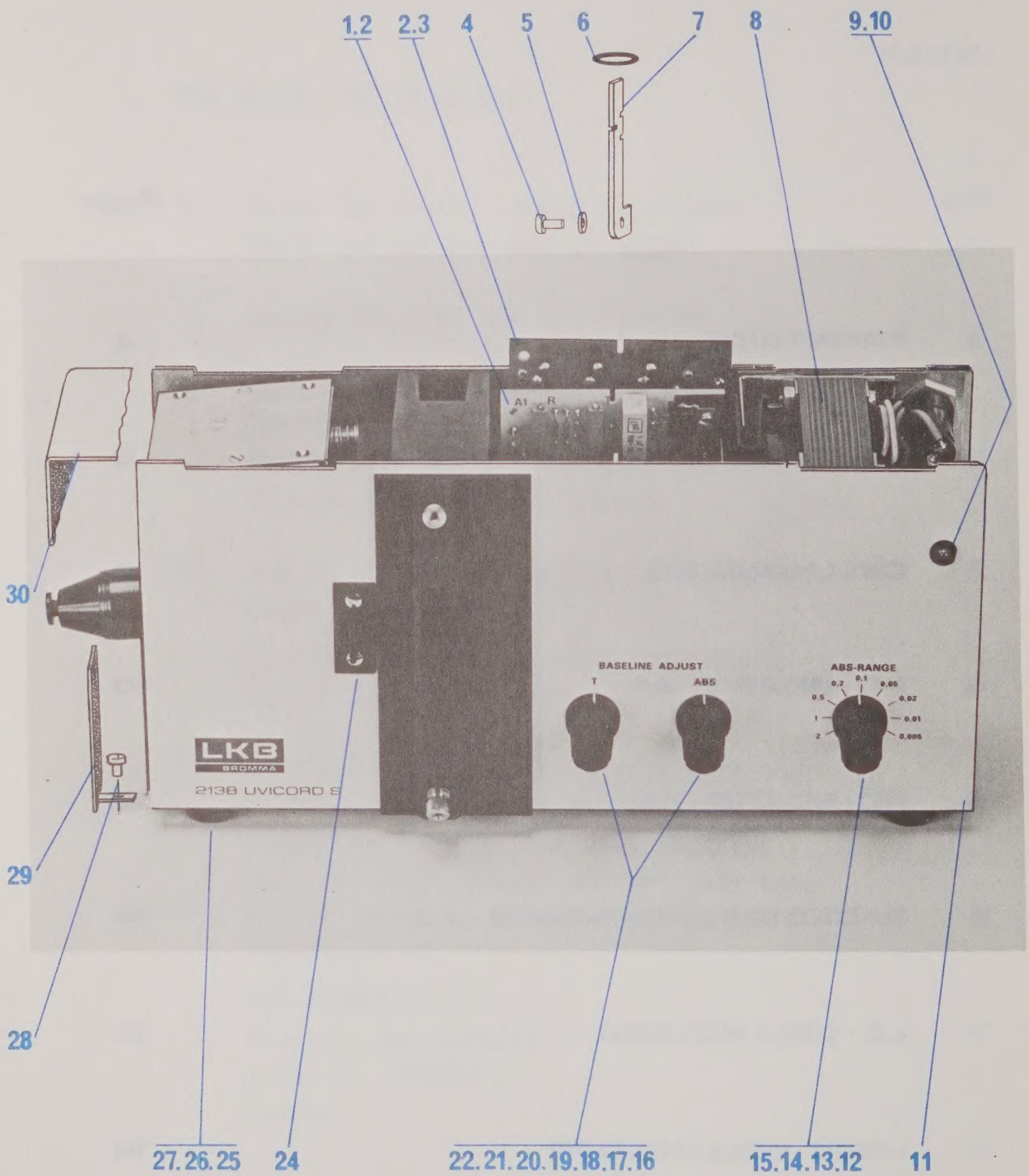
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2138 UVICORD S

Fig.1

FRONTSIDE

2138-001

ITEM	PARTNO	DESCRIPTION	DIAGRAMNO
001	90 00 2889	PC-BOARD	A1
002	95 27 0730	SCREW MC6S 3X6 (PKT/10)	-
002	95 86 0348	CONNECTOR FEMALE 10P	J1-J2
003	90 00 2831	PC-BOARD	A2
004	95 27 0565	SCREW MCS 3X5R(PKT/10)	-
005	90 01 0002	WASHER	-
006	95 39 0106	O-RING 4,3X2,4 (PKT/10)	-
007	90 01 0003	ARM	-
008	90 01 0044	TRANSFORMER	T1
009	95 88 0098	HOLDER LED	-
010	95 78 0220	LED GREEN	H1
011	90 70 0013	FRONT PANEL	-
012	90 70 0068	SWITCH WITH RESISTORS	-
013	95 37 0142	COVER FOR NUT	-
014	95 37 0150	KNOB	-
015	95 37 0135	CAP, BLACK	-
016	95 61 0236	POTENTIOMETER 100K 5%	R2
017	95 27 0396	NUT S12 (PKT/10)	-
018	90 01 0082	WASHER	-
019	95 39 0101	O-RING 12,3X2,4(PKT/10)	-
020	95 37 0142	COVER FOR NUT	-
021	95 37 0140	KNOB	-
022	95 37 0135	CAP, BLACK	-
024	90 70 0060	FILTERHOLDER	-
025	95 39 0006	FÖRRÅD	-
026	95 27 0060	SCREW MCS 4X10R (PKT/10)	-
027	95 27 0357	SCREW M6M4 (PKT/10)	-
028	95 27 0565	SCREW MCS 3X5R(PKT/10)	-
029	90 70 0008	PLATE	-
030	90 70 0012	COVER	-

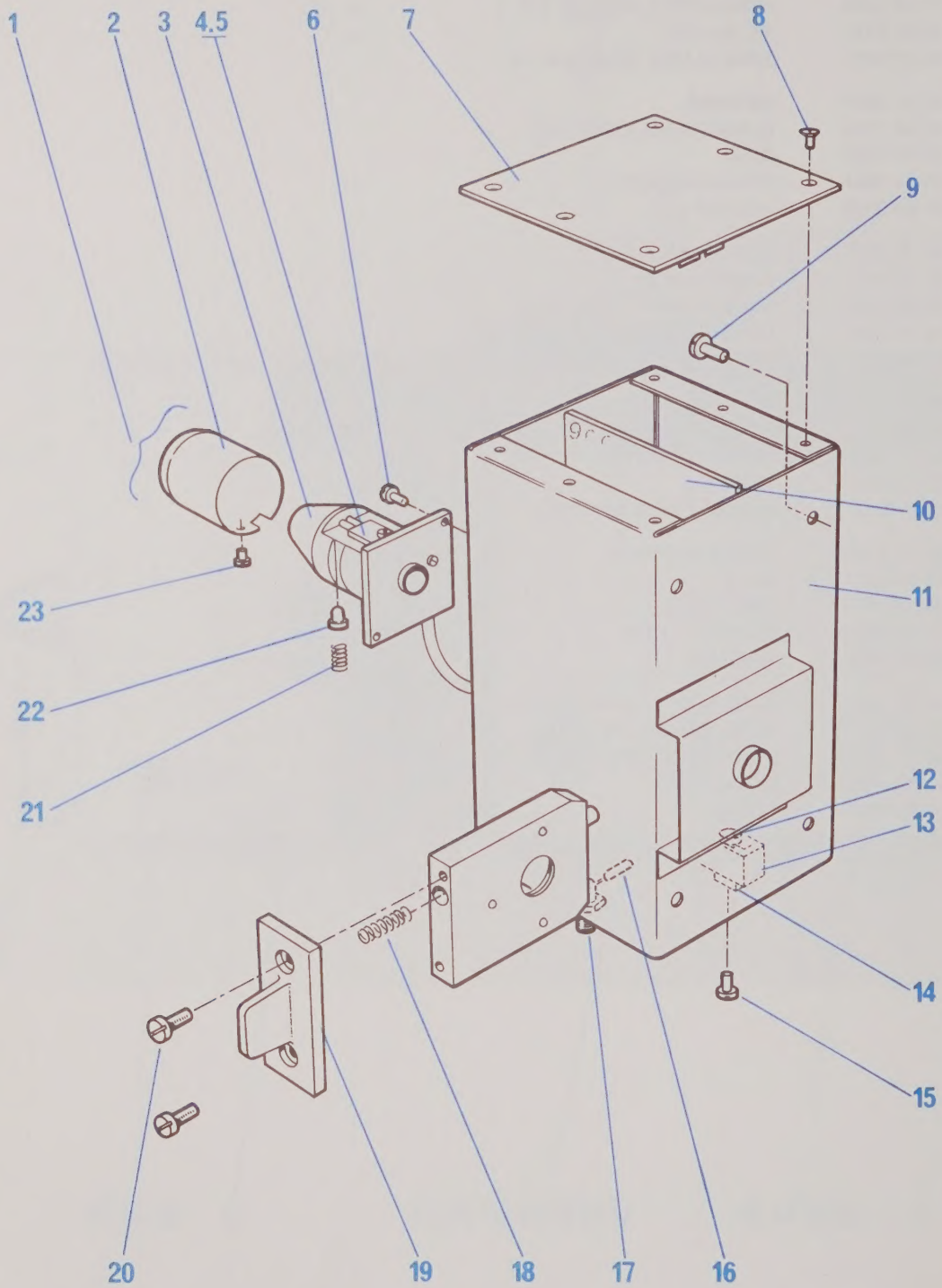

Fig.2

LAMPHOUSING; FILTERHOLDER

2138-002

ITEM	PARTNO	DESCRIPTION	DIAGRAMNO
001	90 70 0063	LAMP GUIDE COMPL.	-
002	90 01 0016	GUIDE TUBE	-
003	90 01 0015	GUIDE	-
004	95 80 0146	TRANSISTOR BD 179	V3
005	95 27 0717	SCREW LKCS 2.5X5 (PKT/10)	-
006	95 27 0563	SCREW MCS 2,5X5 (PKT/10)	-
007	90 70 0010	COVER	-
008	95 27 0612	SCREW FS 2,5X6R (PKT/10)	-
009	95 27 0956	SCREW LKCS 4X5 (PKT/10)	-
010	90 00 2498	PC-BOARD	A3
011	90 70 0011	LAMPHOUSING	-
012	95 27 0682	SCREW MCS 3X10 (PKT/10)	-
013	95 86 0354	CONNECTOR FEMALE 8P	J3
014	90 01 0024	NUT	-
015	95 27 0565	SCREW MCS 3X5R(PKT/10)	-
016	95 65 0030	COIL 1UH	L1L2
017	95 62 0182	CAPACITOR KEG 500V/2N	C1C2
018	90 01 0060	SPRING	-
019	90 01 0008	HANDLE	-
020	95 27 0954	SCREW LKCS 3X8 (PKT/10)	-
021	90 01 0029	SPRING	-
022	90 01 0036	PLUG	-
023	95 27 0717	SCREW LKCS 2.5X5 (PKT/10)	-

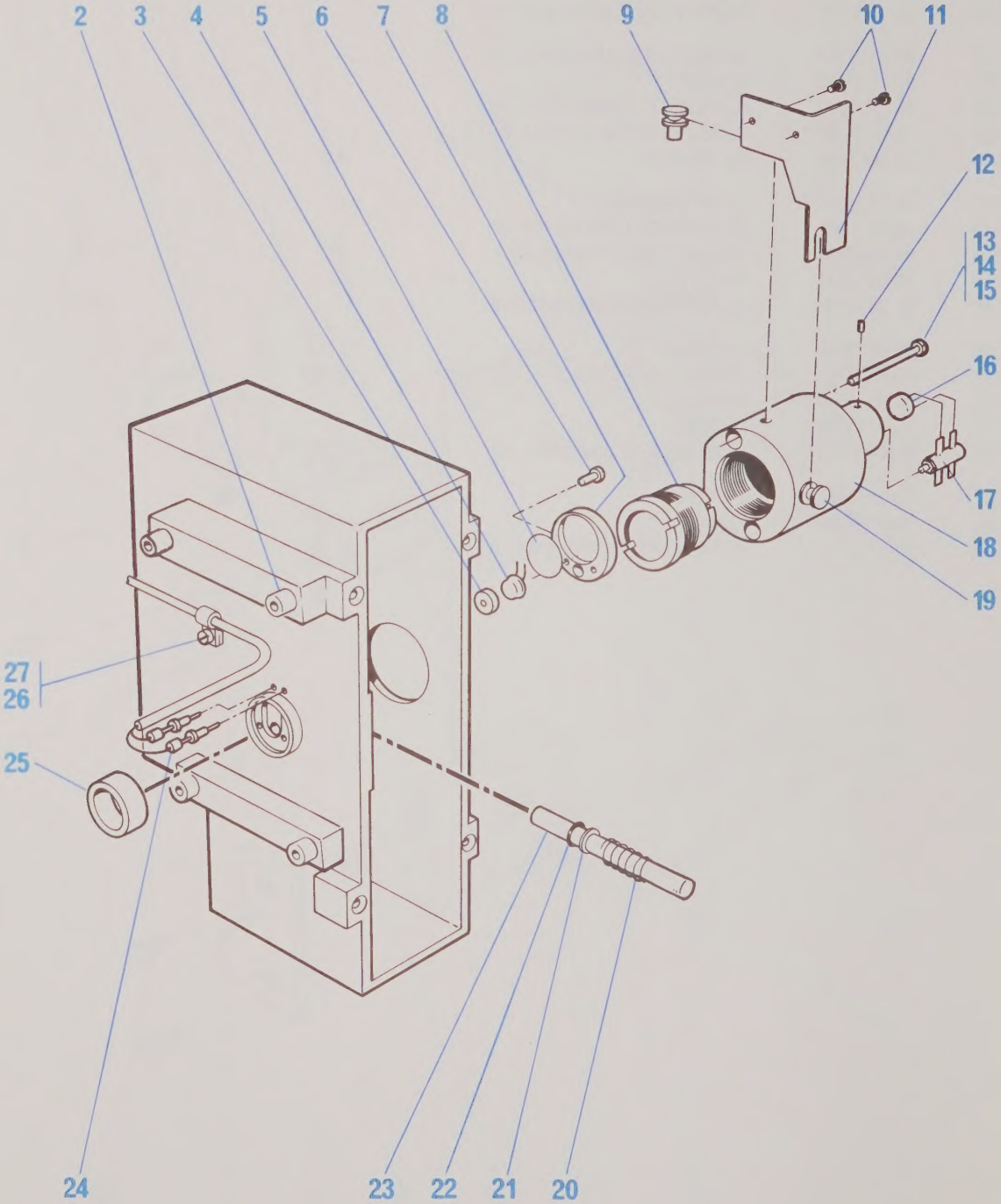

Fig.3

CELLHOUSING;

2138-003

ITEM	PARTNO	DESCRIPTION	DIAGRAMNO
002	90 01 0009	DISTANCE	-
003	90 01 0010	APERTURE CAGE	-
004	95 78 1001	PHOTODIODE	V1
005	90 01 0052	ISOLATION WASHER	-
006	95 27 0730	SCREW MC6S 3X6 (PKT/10)	-
007	90 01 0011	COVER	-
008	90 01 0656	LENS WITH HOLDER	-
009	90 01 0005	SCREW	-
010	95 27 0565	SCREW MCS 3X5R(PKT/10)	-
011	90 01 0004	ADJUSTMENT PLATE	-
012	95 27 0427	SCREW PSS 3.5X3.5(PKT/10)	-
013	95 27 0049	SCREW MCS 3X35 (PKT/10)	-
014	95 25 0054	WASHER FBB 3,1 (PKT/10)	-
015	95 25 0027	WASHER BRB 3,2 (PKT/10)	-
016	95 78 1000	PHOTODIODE	V2
017	95 87 0024	TERMINAL POST	X2
018	90 01 0013	LENS HOLDER	-
019	90 01 0005	SCREW	-
020	90 01 0023	SPRING	-
021	95 25 0035	WASHER BRB 6,4X12(PKT/10)	-
022	95 25 0151	CIRCLIP 4 (PKT/10)	-
023	90 01 0041	LOCKING SCREW	-
024	95 46 0165	CONNECTOR	X3-X4
025	90 01 0007	BELLOWS	-
026	95 31 0003	CABLE CLAMP NO5 (PKT/10)	-
027	95 27 0565	SCREW MCS 3X5R(PKT/10)	-

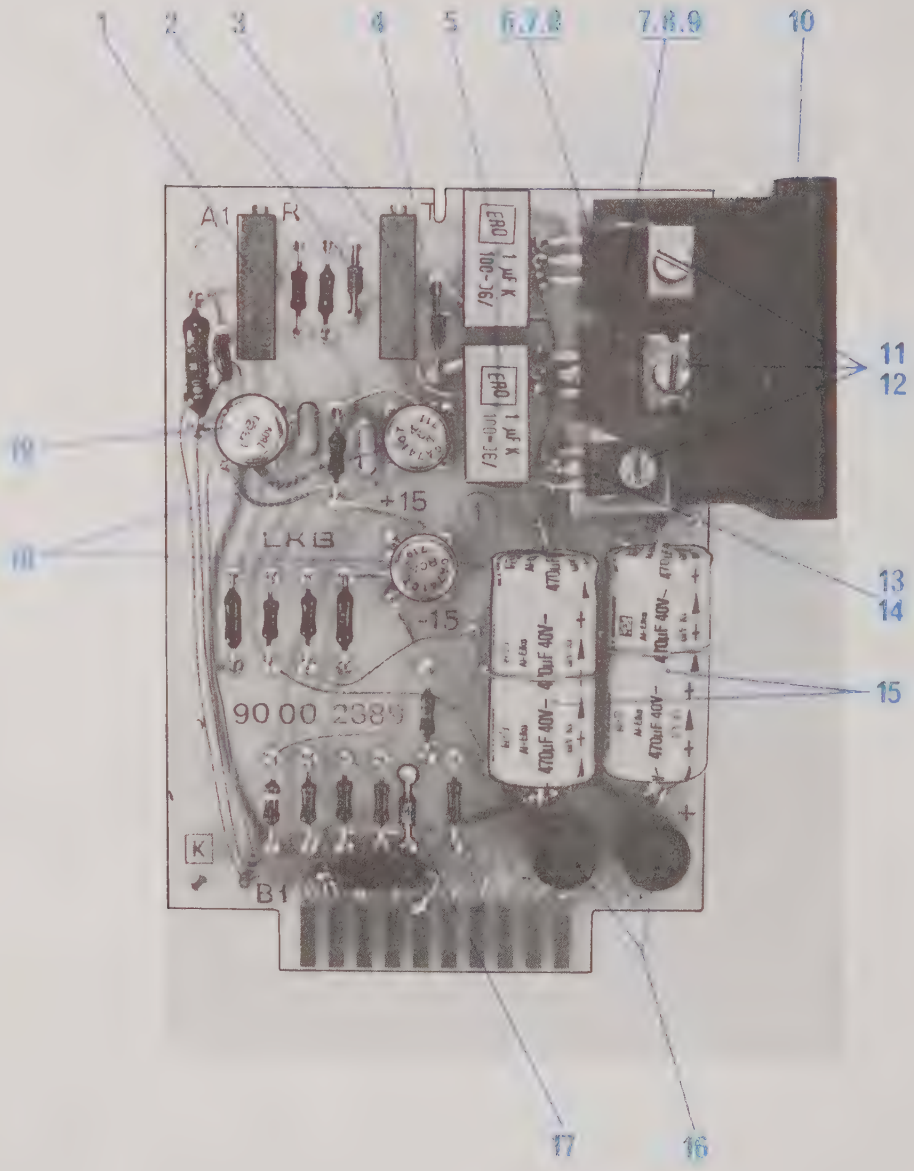
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Fig.4

PC-BOARD A1

2138-004

ITEM	PARTNO	DESCRIPTION	DIAGRAMNO
001	95 61 0088	POT. CET 0,4W/10K 10%	R2
002	95 78 0091	DIODE 1N4148	V1
003	95 61 0088	POT. CET 0,4W/10K 10%	R5
004	95 78 0091	DIODE 1N4148	V2
005	95 62 0180	CAPACITOR 1U/100V	C2C5
006	95 81 0061	INT.CIRCUIT UA7815	V3
007	95 73 0030	ISOLATION BUSHING	-
008	95 73 0056	ISOLATION WASHER	-
009	95 81 0237	INT.CIRCUIT UA7915	V4
010	90 01 0022	COOLING FLANGE	-
011	95 27 0034	SCREW MCS 3X8R (PKT/10)	-
012	95 27 0355	NUT M6M3 (PKT/10)	-
013	95 80 0146	TRANSISTOR BD 179	V5
014	95 73 0043	INSULATING WASHER	-
015	95 63 0234	CAPACITOR ELY 40V/470U	C6C7
016	95 78 0105	BRIDGE RECT B250C1000S	V7V8
017	95 78 0090	ZENER DIODE 12V 5% 0.4W	V6
018	95 81 0111	INT.CIRCUIT 741CN	N2N3
019	95 81 0247	INT.CIRCUIT 3257BM	N1

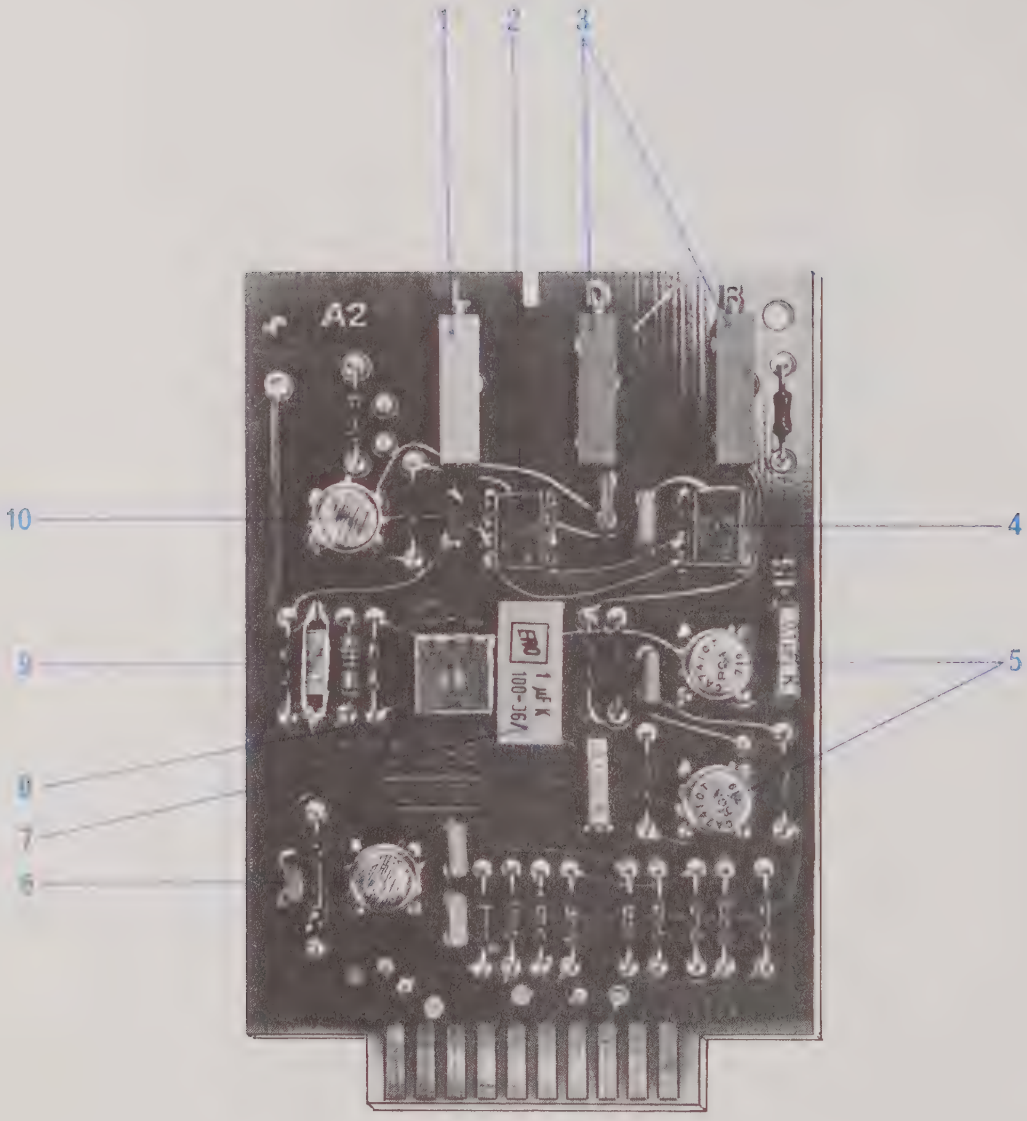
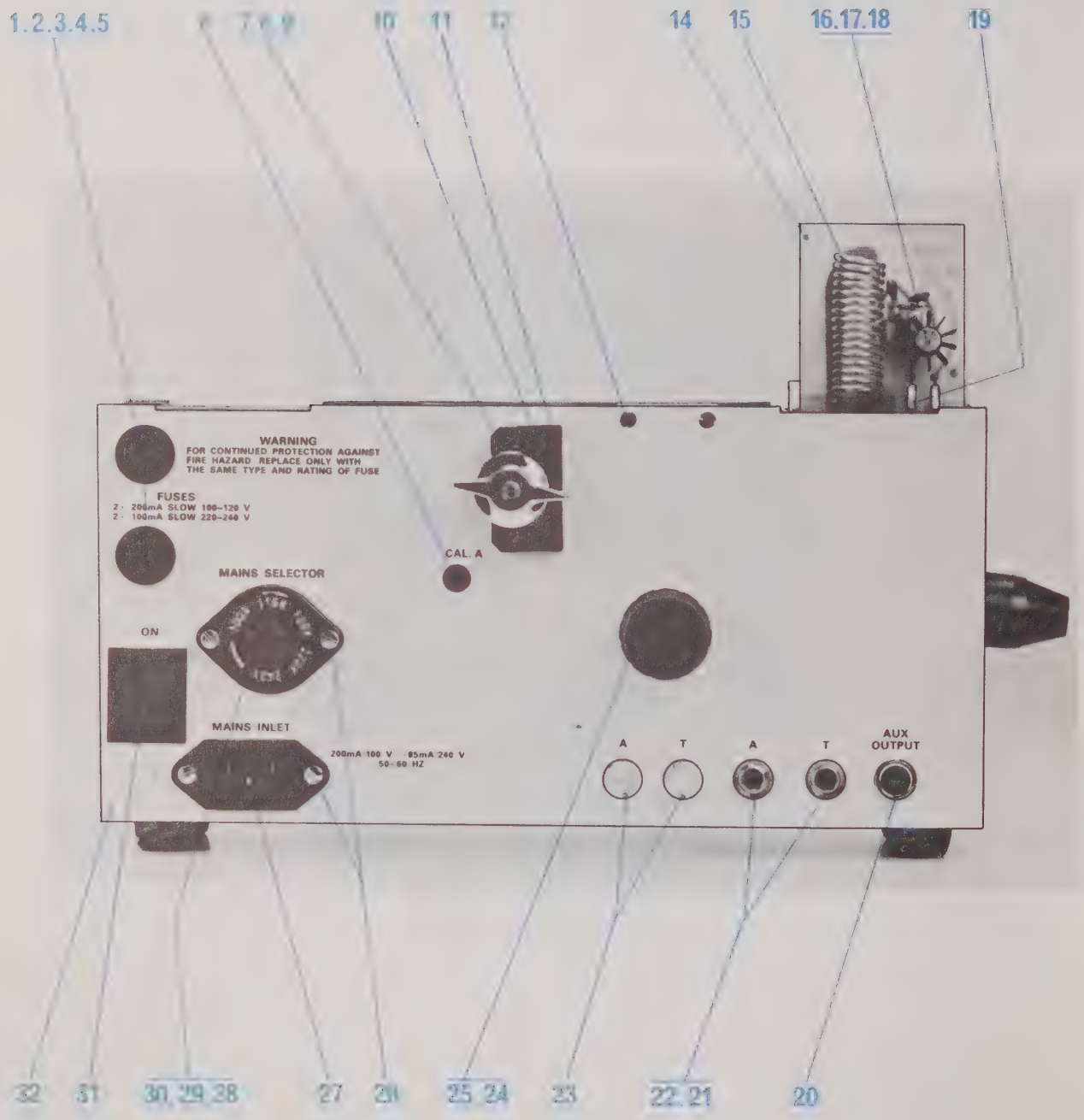


Fig.5

PC-BOARD A2

2138-005

ITEM	PARTNO	DESCRIPTION	DIAGRAMNO
001	95 61 0162	POT. CET 0,4W/20K 10%	R3
002	95 81 0117	INT.CIRCUIT 308AN	N1
003	95 61 0088	POT. CET 0,4W/10K 10%	R4-R5
004	95 81 0117	INT.CIRCUIT 308AN	N2
005	95 81 0111	INT.CIRCUIT 741CN	N3-N4
006	95 81 0247	INT.CIRCUIT 3257BM	N5
007	95 62 0180	CAPACITOR 1U/100V	C4
008	95 61 0237	POT. 2K	R12
009	95 60 0958	THERMISTOR 1K	R9
010	95 80 0147	TRANSISTOR LM394H	V1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WARNING
FOR CONTINUED PROTECTION AGAINST
FIRE HAZARD REPLACE ONLY WITH
THE SAME TYPE AND RATING OF FUSE
FUSES
2 · 200mA SLOW 100–120 V
2 · 100mA SLOW 220–240 V
CAL. A
MAINS SELECTOR
ON
MAINS INLET
200mA 100 V 85mA 240 V
50–60 HZ
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A
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AUX
OUTPUT
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Fig.6

2138-006

BACKSIDE; PC-BOARD A3

ITEM	PARTNO	DESCRIPTION	DIAGRAMNO
001	95 88 0075	FUSE HOLDER	F2-F3
002	95 83 0000	FUSE 100MA/EU(PKT/10)	-
003	95 83 0076	FUSE 200MA/US (PKT/10)	-
004	95 88 0076	FUSE CAP EU	-
005	95 88 0077	FUSE CAP US	-
006	95 37 0134	CAP	-
007	90 01 0055	HOLDER	-
008	95 27 0040	SCREW MCS 3X14 (PKT/10)	-
009	95 27 0355	NUT M6M3 (PKT/10)	-
010	95 27 1024	SCREW M6S 6X25R(PKT/10)	-
011	90 01 0054	WING NUT	-
012	95 27 1025	SCREW MFS 3X6R (PKT/10)	-
014	90 00 2498	PC-BOARD	A3
015	90 01 0063	COIL	L1
016	95 73 0007	TRANSISTOR HOLDER	X1
017	95 80 0145	TRANSISTOR 2N3553	V1
018	95 73 0072	COOLING FLANGE	-
019	95 65 0030	COIL 1UH	L2-L3
020	95 86 0594	CONNECTOR 6P	J8
021	95 86 0123	JACK 2P	J4-J5
022	95 27 0396	NUT S12 (PKT/10)	-
023	95 86 0302	CONNECTOR FEMALE 1P	-
024	95 37 0155	KNOB	-
025	95 37 0137	COVER FOR KNOB	-
026	95 27 0954	SCREW LKCS 3X8 (PKT/10)	-
027	95 67 0015	MAINS CONNECTOR	X1
028	95 84 0214	MAINS VOLTAGE SELECTOR	S2
029	95 83 0072	FUSE 7A/AM (PKT/10)	-
030	95 88 1000	FUSE CAP	-
031	95 84 0175	SWITCH	S1
032	90 70 0014	BACK PANEL	-
033	95 46 0138	MAINS CABLE AM	-
034	95 46 0137	MAINS CABLE EU	-

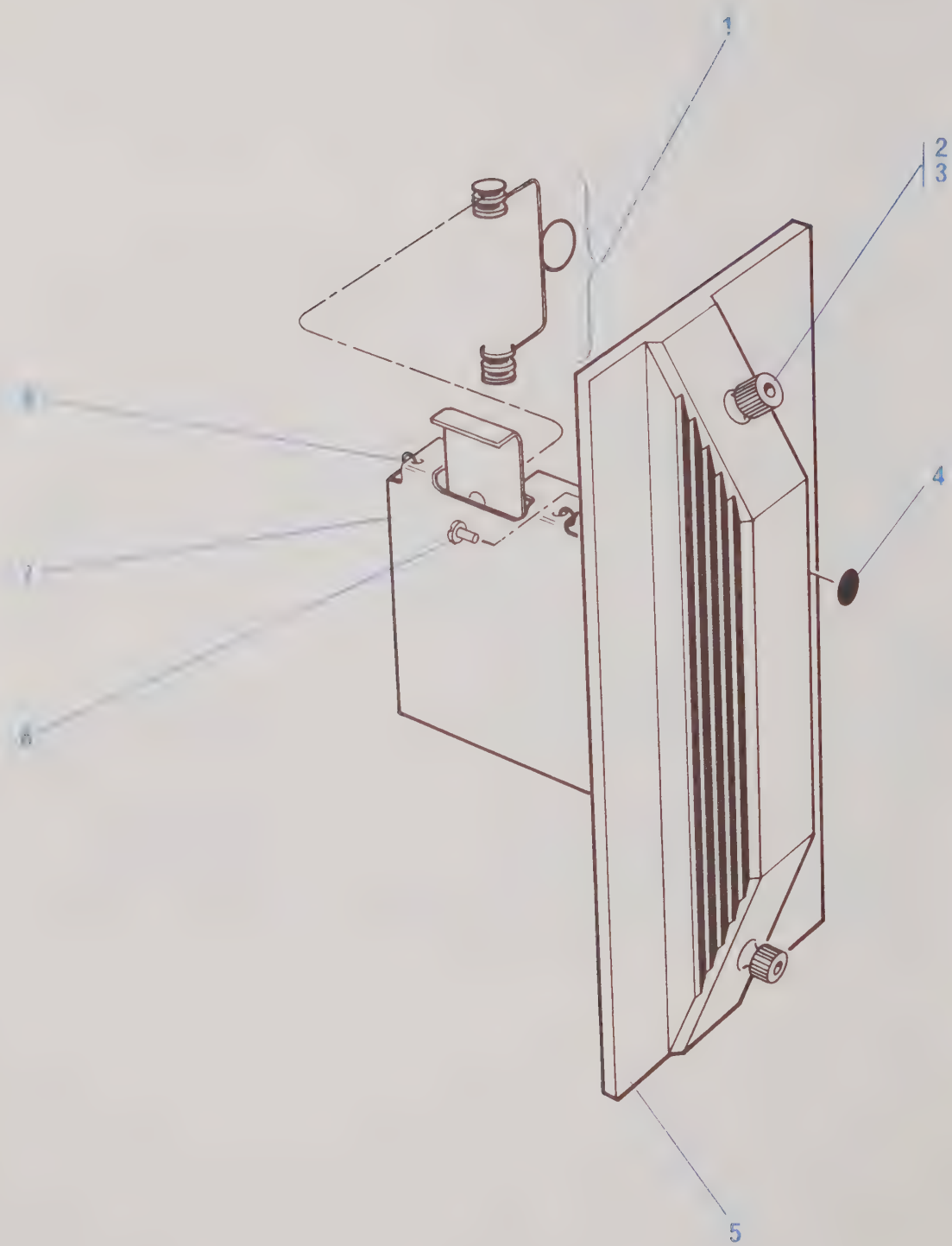

Fig.7

LC CELLHOLDER

2138-007

ITEM	PARTNO	DESCRIPTION	DIAGRAMNO
001	90 01 0781	CELL CONNECTOR	-
002	90 01 0034	CAGE	-
003	90 01 0047	SCREW	-
004	95 37 0134	CAP	-
005	90 01 0032	HANDLE	-
006	95 27 0565	SCREW MCS 3X5R(PKT/10)	-
007	90 70 0009	HOLDER	-
008	94 90 7750	SPRING	-

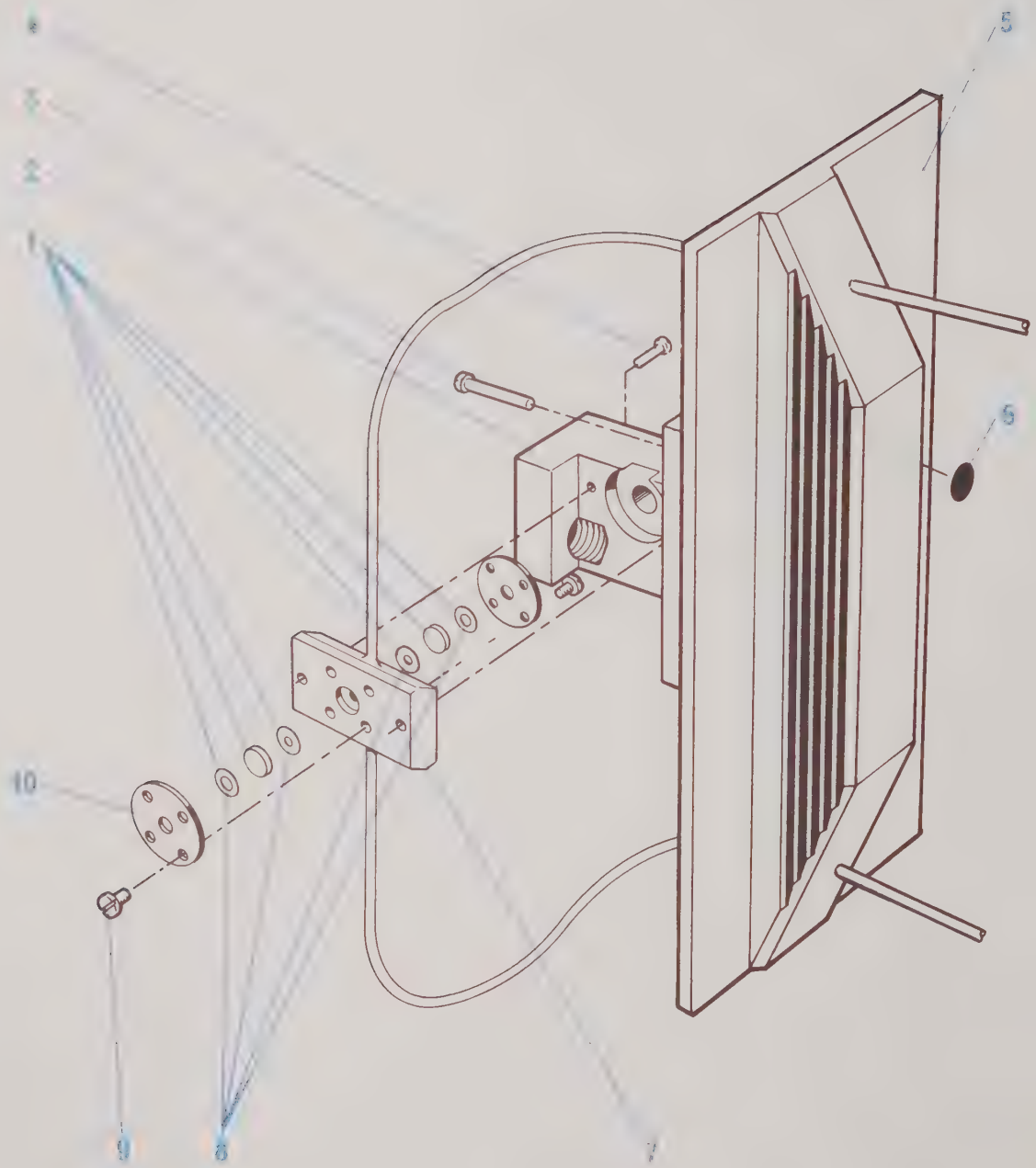

Fig.8

HPLC CELLHOLDER

2138-008

ITEM	PARTNO	DESCRIPTION	DIAGRAMNO
001	2138-201	WINDOW SET	-
002	90 01 1321	BRACKET	-
003	95 27 1052	SCREW MCS 3X16 (PKT/10)	-
004	95 27 1051	SCREW MCS 2,5X10(PKT/10)	-
005	90 01 0723	HANDLE	-
006	95 37 0134	CAP	-
007	90 70 0091	CELL	-
008	2138-200	PACKING SET	-
009	95 27 0621	SCREW MCS 2X3R(PKT/10)	-
010	90 01 1320	WASHER	-

ACCESSORIES

2138-009

PARTNO	DESCRIPTION	DIAGRAMNO
2080-507	INT FILTER 206 NM	-
2080-508	NARROW BW FILTER 254 NM	-
2080-509	NARROW BW FILTER 280 NM	-
2089-104	UV-LAMP TYPE 1	-
2089-105	UV-LAMP TYPE 2	-
2138-100	MEASURING CELL 2,5X5,0	-
2138-101	HPLC CELL WITH HOLDER	-
2138-102	LC CELL WITH HOLDER	-
2138-200	PACKING SET	-
2138-201	WINDOW SET	-
2138-400	RECORDER CABLE	-
2138-410	AUX OUTPUT RECORDER CABLE	-
2138-600	DIGITAL DISPLAY	-
4711A-3	MEASURING CELL 0,1 ML	-
4711A-5	MEASURING CELL 0,3ML	-
4712A-1	MEASURING CELL 0,05ML	-
4712A-2	MEASURING CELL 0,1 ML	-
4712A-4	MEASURING CELL 0,2 ML	-
4712C-05	MEASURING CELL 0,03ML	-
90 01 0540	EXTENSION BOARD	-

05-725-613 $175.00

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